

ARE YOU WATER SMART?

How many gallons of Colorado River water did Tucson Water store underground in 2013?

- ☐ 22 billion gallons
- ☐ 10 million gallons
- ☐ 2 million gallons

22 billion gallons. In 2013, Tucson Water purchased its full allocation of 47 billion gallons of Colorado River water and stored 22 billion gallons of it for future use.

Answer:

WATER Etc.

Customer Question

**Are water rates changing?
If so, when?**

Effective July 1, 2014, Tucson Water rates and fees will increase for all customers. As an enterprise fund, Tucson Water's revenue must cover all operational expenses to ensure a reliable water supply and system. Go to tucsonaz.gov/water for more information

about Tucson Water's financial requirements, water reliability, water rates and your utility services statement.



WATER MATTERS

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What's so Interesting about Reclaimed Water

From representatives of The World Bank to Minnesota Public Radio, Tucson Water's reclaimed water facilities draw a wide range of visitors.

Tucson Water's Reclaimed Water Plant Supervisor Danny Sargent explains why.

(See *Working with Water*, pg 4 & 5)



tucsonaz.gov/water

CITY OF TUCSON ENVIRONMENTAL SERVICES

Household Hazardous Waste Program Changes as of July 1

- **1st Saturday Collection • 8 a.m. – Noon • Eastside Service Center, 7575 E. Speedway Blvd.**

Enter the site by turning north on Prudence and proceeding to the event.

- **2nd Saturday Collection Location • 8 a.m. – Noon • for these locations and dates:**

Sept. 13, 2014	Himmel Park, 1000 N. Tucson Blvd.	Mar. 14, 2015	Price Service Center (Lower Lot), 4004 S. Park Ave.
Nov. 8, 2014	El Rio Neighborhood Center, 1390 W. Speedway Blvd.		
Jan. 10, 2015	Purple Heart Park, 10050 E. Rita Rd.	May 9, 2015	Mansfield Park, 2000 N. 4th Ave.

- **Collection • during regularly scheduled hours • HHW facility, 2440 W. Sweetwater Dr. and the Los Reales Landfill, 5300 E. Los Reales Rd.**



More info about hours, items accepted, and items not accepted is available at www.tucsonaz.gov/hhw or (520) 888-6947. A \$10 fee is charged for non-City of Tucson residents.

PIMA COUNTY WASTEWATER RECLAMATION

**Summer Monsoon Rains Effects on Your Sewer System**

Summer rains can enter the sewer system and can exceed the system's capacity to handle the additional flow from heavy rainwater (infiltration).

With this infiltration from increased water flows, the sanitary sewer system can sometimes be overwhelmed, resulting in a sanitary sewer overflow.

When this occurs, the raw sewage can be seen overflowing from manholes.

If you see raw sewage flowing out of a manhole, please report it to us at **(520) 724-3400** and we will dispatch a crew.



PIMA COUNTY
WASTEWATER RECLAMATION

Your utilities services statement includes fees for your water, environmental services, and wastewater.

Environmental Services (ES) (520) 791-3171 or visit tucsonaz.gov/esd
Pima County Regional Wastewater Reclamation Department (PCRWRD) (520) 724-6500 or visit pima.gov/www

WORKING WITH WATER

Tucson Water's reclaimed water facilities celebrate 30 years of operation in 2014, making it one of the nation's oldest and most successful water reuse facilities.

Reclaimed Water Plant Supervisor Danny Sargent answers some questions about this renewable resource:

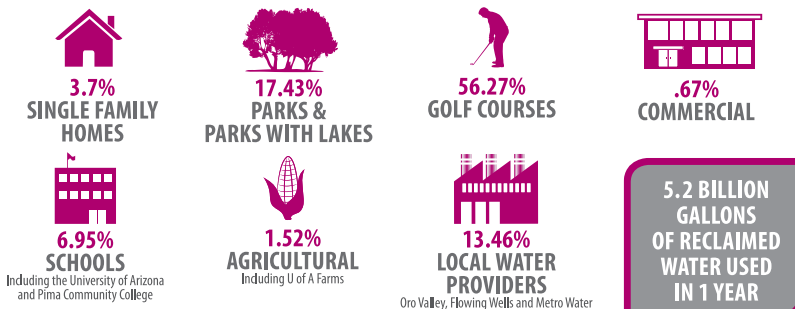
● **What is reclaimed water?** It's treated wastewater that Tucson Water further treats, filters, and recharges underground. We then recover a portion of the water and deliver it via our reclaimed distribution system where it is used primarily for irrigation by many golf courses, parks, and homes. Reclaimed water is not for bathing, drinking or cooking.

● **What's so great about reclaimed water?** It's a renewable source of water. And using it for irrigation and industrial applications instead of drinking water saves billions of gallons of drinking water each year.



● **Reclaimed water pipes, reservoirs, treatment, sampling, and more are totally separate from drinking water operations.** Tucson Water's reclaimed water treatment facilities are at Sweetwater Drive and I-10. (Pima County's new Agua Nueva Water Reclamation Facility is located nearby.) Our reclaimed water team oversees 8 reclaimed water recharge basins, 8 extraction wells, an on-site reservoir, and a plant where water is filtered, treated, sampled and monitored. There is also a reclaimed water master control system here. Also nearby is Tucson Water's Sweetwater Wetlands, another way we reclaim water. It's a wildlife habitat and an open air water treatment facility. Organics and good bacteria help to treat wastewater and backwash from the filtration plant.

WHO USES RECLAIMED WATER?



● **What's in the future for reclaimed facilities?** Tucson Water is increasing capacity – we're adding three reclaimed recharge basins and two extraction wells in the next couple of months. We're also improving efficiency – we recently added solar panels at the on-site reclaimed reservoir to offset power costs.

CLICK

tucsonaz.gov/water

WATCH

youtube.com/tucsonwater

CALL

English & Español:
(520) 791-4331

TDD

(520) 791-2639

SCAN



May 2014 Main Water System Report

To ensure your water is clean, safe and secure, Tucson Water conducts approximately 14,500 individual tests a year on the water in the main distribution system – before it reaches your home. Test results for key parameters are reported by 10 water quality zones for a water distribution system that covers some 375 square miles.

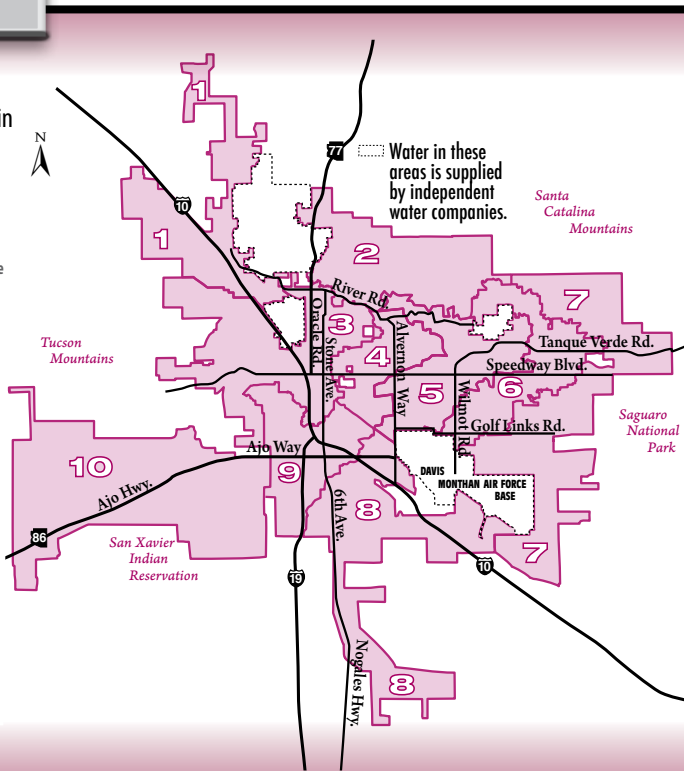
Main Water System

About 95% of the water we deliver comes from renewable supplies. These test results reflect the main distribution system, divided into 10 zones:

TEST RESULTS

Zones	Hardness (mg/L*) 86 SP	Sodium (mg/L*) 84 SP	Nitrate-N (mg/L*) 84 SP	Fluoride (mg/L*) 84 SP	pH Level (S.U.) 246 SP	Temperature (deg°F) 246 SP
1	235	58	2.13	0.35	7.8	80.6
2	238	64	0.94	0.44	7.9	82.2
3	205	59	1.38	0.44	8.0	82.5
4	204	57	0.94	0.37	7.8	83.3
5	206	57	1.02	0.39	7.8	82.0
6	240	64	0.85	0.43	7.9	81.7
7	210	55	1.09	0.39	7.8	82.2
8	225	53	1.65	0.59	7.7	81.4
9	204	58	1.57	0.50	7.8	83.0
10	188	58	1.58	0.40	7.9	82.0
Avg	214	58	1.22	0.43	7.8	82.2

* mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SP = Sample Points



COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standards for positive samples

Positive results
247 samples



CHLORINE

